

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

10/18/2011

Mary Szulborski  
Assistant District Attorney, Suffolk County

Dear ADA Szulborski,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]

[REDACTED] Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan and Lisa Glazer.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Lisa Glazer was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in cursive script, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6622

## Curriculum Vitae

**Annie Khan (Dookhan)**

### **Education:**

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

### **Experience:**

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

### **Additional Training:**

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

### **Association:**

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Lisa A. Glazer

### Education

**Bachelor of Science Degree, CHEMISTRY January 2006**

UNIVERSITY OF NEW HAVEN

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

**Bachelor of Science Degree, FORENSIC SCIENCE January 2006**

UNIVERSITY OF NEW HAVEN

Coursework included: Organic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus, Biology, Criminal Justice and Forensic Science courses

### Employment

**Chemist I, II State Laboratory Institute (May 2007-Present)**

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2007.

**Laboratory Technician I (August 2006 – May 2007)**

University of Connecticut Chemistry Department - Storrs, CT

- Prepared unknowns, chemical reagents and supplies for undergraduate chemistry courses
- Set-up experiment demonstrations
- Properly disposed of hazardous waste from the experiments
- Made sure labs were being conducted safely
- Kept track of student laboratory paperwork, inventoried glassware and chemicals and helped clean glassware

**Intern (September 2005 – November 2005)**

CONNECTICUT STATE POLICE FORENSIC LABORATORY - Meriden, CT

- Worked on a Pyrolysis Gas Chromatography project
- Observed in the GSR testing, Forensic Biology, DNA, Questioned Documents, Black and White Photo, Latent Prints, Firearms, Trace Evidence and Color Photo Units

### Trainings

**Multijurisdictional Counterdrug Task Force Training (May 20, 2008)**

Current Drug Trends – Methuen, MA

**Multijurisdictional Counterdrug Task Force Training (May 6, 2009 - May 7, 2009)**

Courtroom Testimony – Methuen, MA

**DEA Forensic Chemist Seminar (June 21, 2010 - June 25, 2010)**

Sterling, VA

**DRUG RECEIPT**

CC #

BOOK # 31PAGE # 33

DESTRUCTION # \_\_\_\_\_

District/Unit E-13/DL4Name & Rank of Arresting Officer P.O. FRANK COLONID# 9347

DEFENDANT'S NAME

ADDRESS

CITY

STATE

PLYMOUTHMAPLYMOUTHMACHARLESTONMA

## LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS  
QUANTITYGROSS  
WEIGHTANALYSIS  
NUMBER1 P/B TAN SUBSTANCE (HEROIN)114.08g2 P/B's TAN SUBSTANCE (HEROIN)211.85g24 P/B's TAN SUBSTANCE (HEROIN)2411.33g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

9370

Received by

Date

6-3-11

ECU Control # \_\_\_\_\_

No. [REDACTED] Date Analyzed: 6/14/11  
City: Boston D.C.U. Police Dept.  
Officer: P.O. Diana Lopez  
Def: [REDACTED]  
Amount: Subst: SUB  
No. Cont: 1 Cont: pb  
Date Rec'd: 06/03/2011 No. Analyzed:  
Gross Wt.: 14.08 Net Weight: 10.01  
# Tests: 1 ASD  
Prelim: Heroin Findings: 2 ASD  
Heroin

No. [REDACTED] Date Analyzed: 6/14/11  
City: Boston D.C.U. Police Dept.  
Officer: P.O. Diana Lopez  
Def: [REDACTED]  
Amount: Subst: SUB  
No. Cont: 2 Cont: pb  
Date Rec'd: 06/03/2011 No. Analyzed: 2  
Gross Wt.: 11.85 Net Weight: 7.11  
# Tests: 8 ASD  
Prelim: Heroin Findings: 4 ASD  
Heroin

No. [REDACTED] Date Analyzed: 6/14/11  
City: Boston D.C.U. Police Dept.  
Officer: P.O. Diana Lopez  
Def: [REDACTED]  
Amount: Subst: SUB  
No. Cont: 24 Cont: pb  
Date Rec'd: 06/03/2011 No. Analyzed: 3  
Gross Wt.: 11.33 Net Weight: 4.37  
# Tests: 12 ASD  
Prelim: Heroin Findings: 6 ASD  
Heroin

# DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston

ANALYST

ASJ

No. of samples tested: \_\_\_\_\_

Evidence Wt. \_\_\_\_\_

## PHYSICAL DESCRIPTION:

Beige chunky substance  
17. ps

double bagged

Gross Wt ( ): 10.3044

Gross Wt ( ): \_\_\_\_\_

Pkg. Wt: \_\_\_\_\_

Net Wt: 10.0170

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( + ) \_\_\_\_\_

Marquis + \_\_\_\_\_

Froehde's + \_\_\_\_\_

Mecke's + \_\_\_\_\_

### Microcrystalline Tests

Gold  
Chloride \_\_\_\_\_

TLTA ( ) \_\_\_\_\_

### OTHER TESTS

## PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 6-10-11

## GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS  
OPERATOR LAG

DATE 6-14-11

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST ASJ

No. of samples tested:           

Evidence Wt.           

## PHYSICAL DESCRIPTION:

Beige chunky substance  
in 2 pkts

Gross Wt ( 2 ): 8.0989

Gross Wt (    ):           

Pkg. Wt:           

Net Wt:           

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( + )           

Marquis +           

Froehde's +           

Mecke's +           

### Microcrystalline Tests

Gold  
Chloride           

TLTA (    )           

### OTHER TESTS

## PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 6-10-11

## GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS  
OPERATOR LAG

DATE 6-14-11

Sample #: [REDACTED]

# samples tested: 2

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	5.4319	0.5279	4.9040	26			
2	2.6678	0.4578	2.2100	27			
3				28			
4				29			
5				30			
6				31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations:

Net wt = 7.1140



SAMPLE #                      AGENCY Boston. ANALYST ASJ  
No. of samples tested:            Evidence Wt.           

Beige powdered substance  
17 24 pbs

Net Wt: .

Cobalt  
3 Thiocyanate (+) \_\_\_\_\_  
3 Marquis + \_\_\_\_\_  
3 Froehde's + \_\_\_\_\_  
3 Mecke's - + \_\_\_\_\_

ASD Gold  
Chloride \_\_\_\_\_  
ASD  
TLTA ( )

\_\_\_\_\_

RESULTS 140107  
DATE 6-10-11

RESULTS Heroin  
MS  
OPERATOR LAG  
DATE 6-14-11

Sample #: [REDACTED]

# samples tested: 3

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.2847	0.1079	0.1768	26			
2	0.3053	0.1490	0.1563	27			
3	0.3308	0.1168	0.2140	28			
4				29			
5				30			
6				31			
7				32			
8				33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

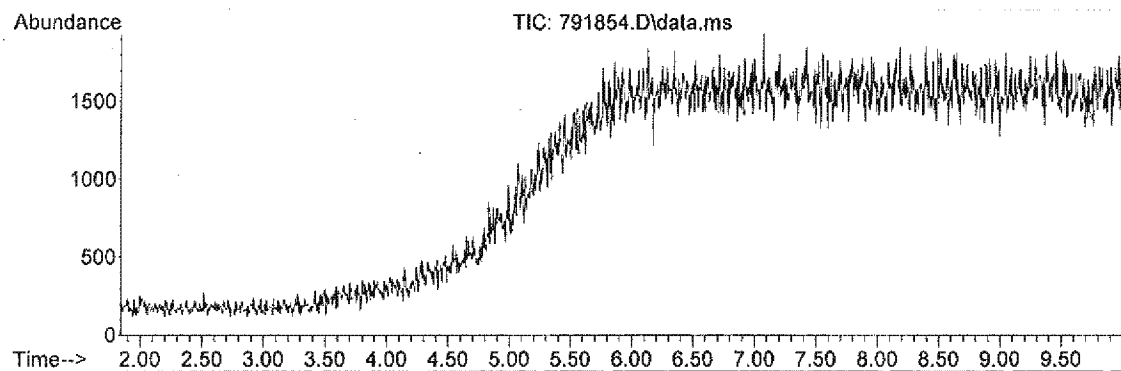
Calculations:

$$\text{Est Net Wt} = 0.5471 / 3 = 0.1824 (24)$$

$$= 4.3776$$

## Information from Data File:

File Name : J:\06\_13\_11\791854.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 00:13  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



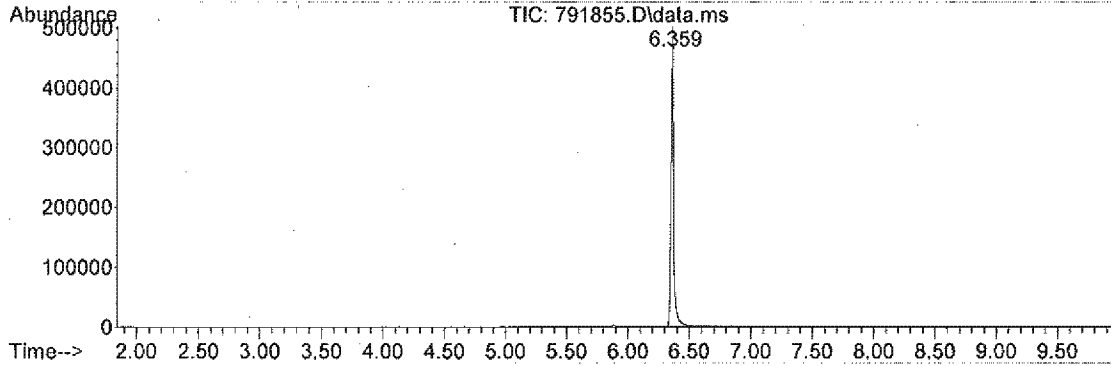
Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

*LAG*  
10/11/11

## Information from Data File:

File Name : J:\06\_13\_11\791855.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 00:26  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 55  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



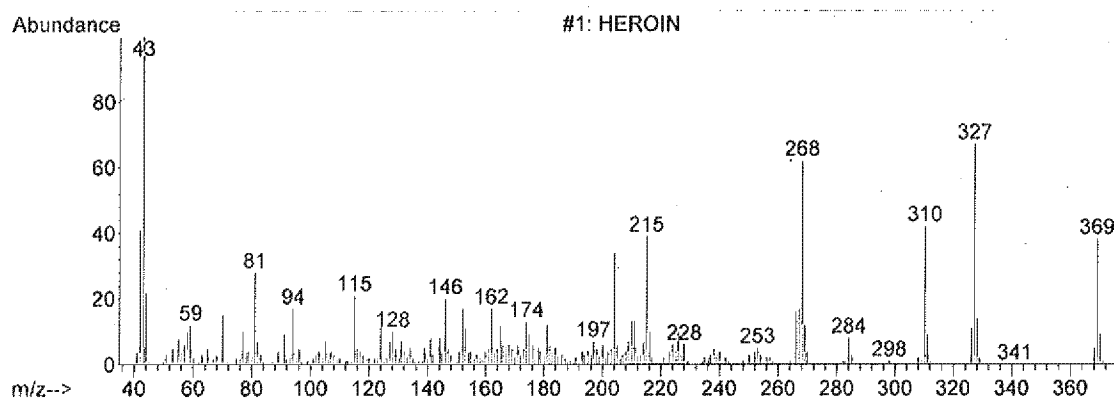
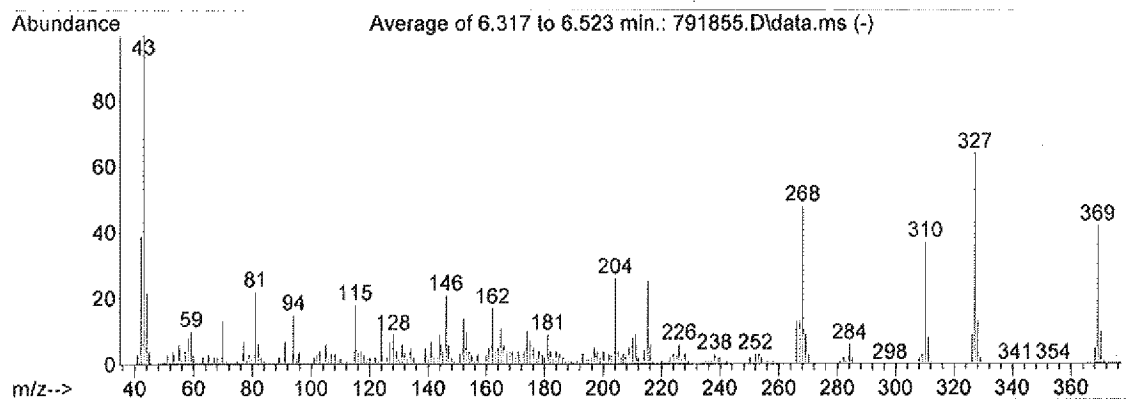
Ret. Time	Area	Area %	Ratio %
6.359	735750	100.00	100.00

## Information from Data File:

File Name : J:\06\_13\_11\791855.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 00:26  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 55  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

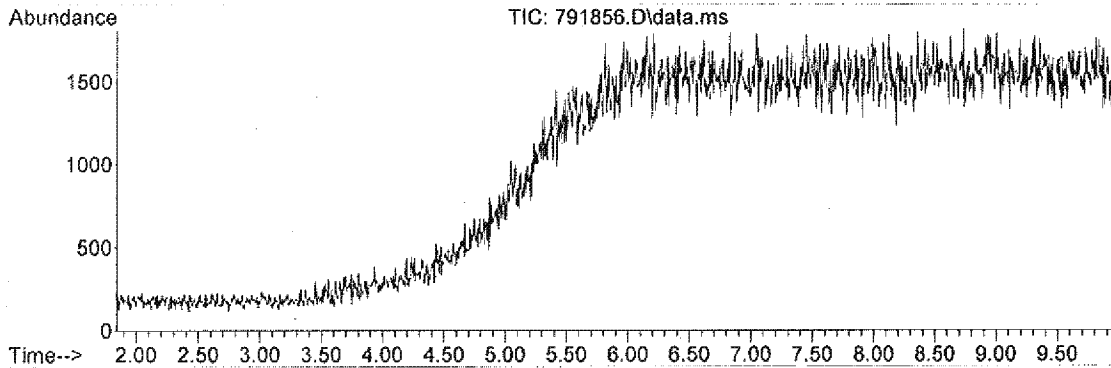
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.36	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : J:\06\_13\_11\791856.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 00:38  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

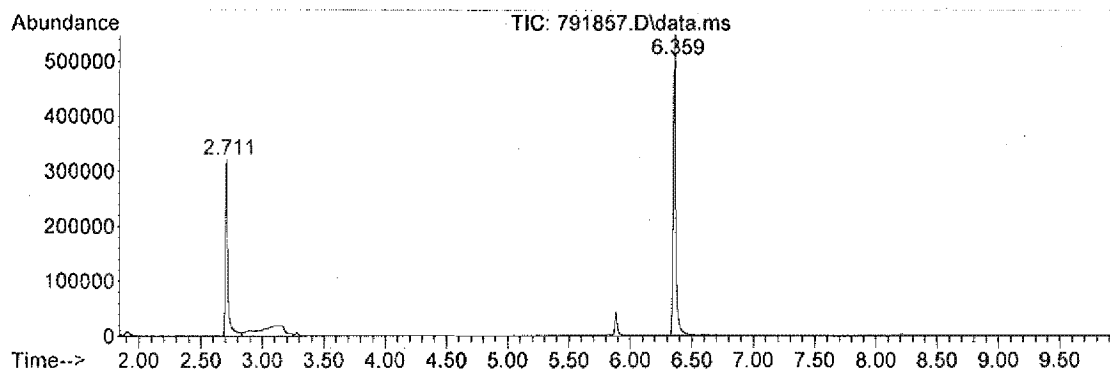


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : J:\06\_13\_11\791857.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 00:51  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 57  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



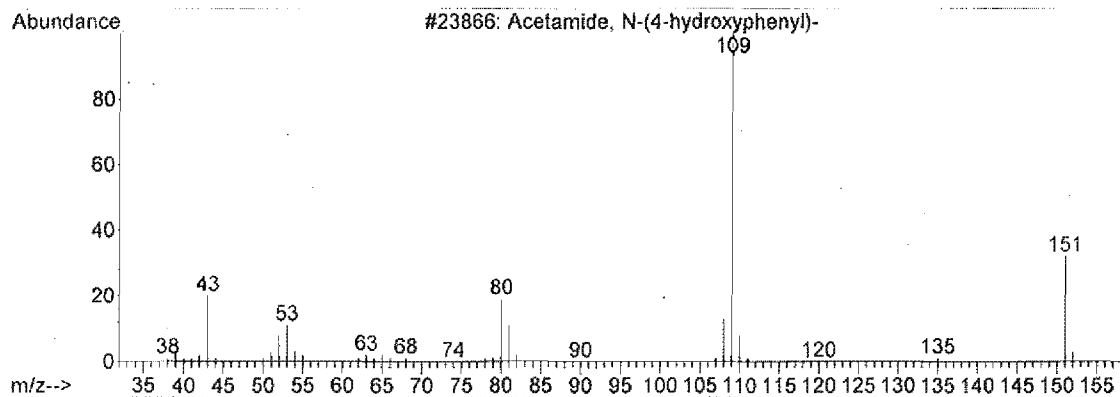
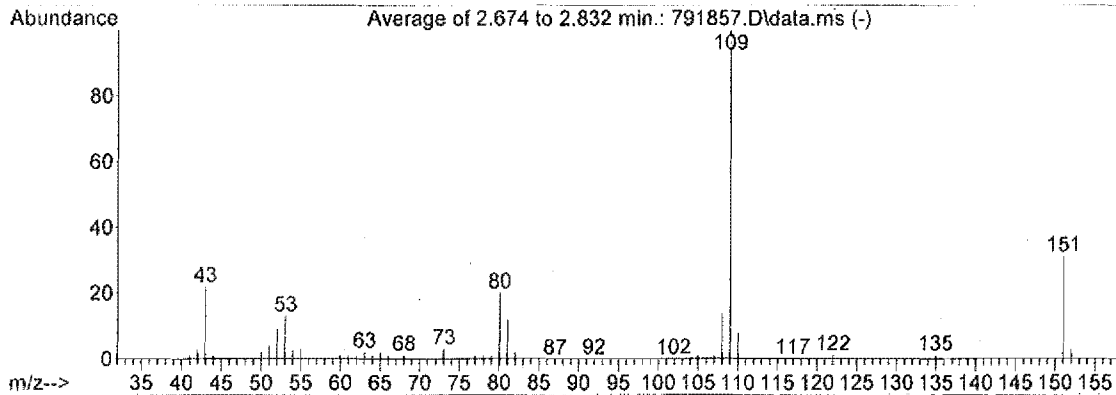
Ret. Time	Area	Area %	Ratio %
2.711	447142	35.60	55.29
6.359	808778	64.40	100.00

## Information from Data File:

File Name : J:\06\_13\_11\791857.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 00:51  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 57  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.71	C:\Database\NIST05a.L		
		Acetamide, N-(4-hydroxyphenyl) -	000103-90-2	97
		Acetamide, N-(4-hydroxyphenyl) -	000103-90-2	95
		Acetamide, N-(4-hydroxyphenyl) -	000103-90-2	91



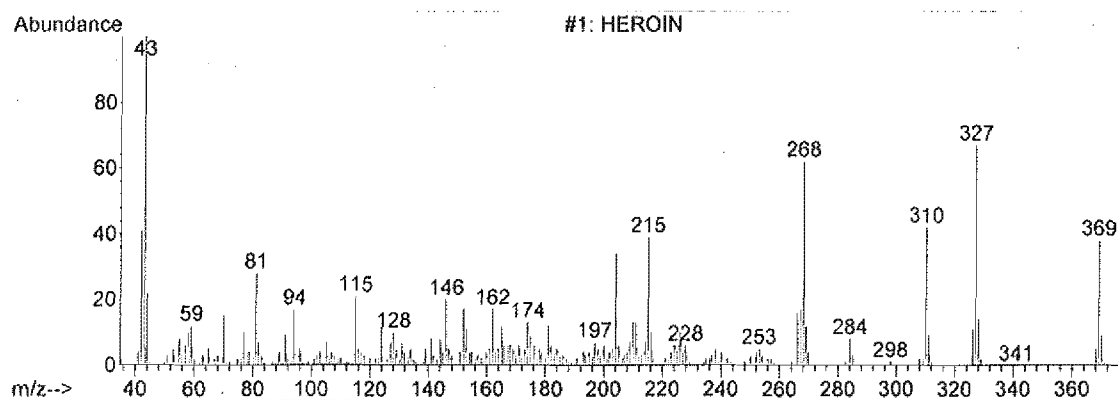
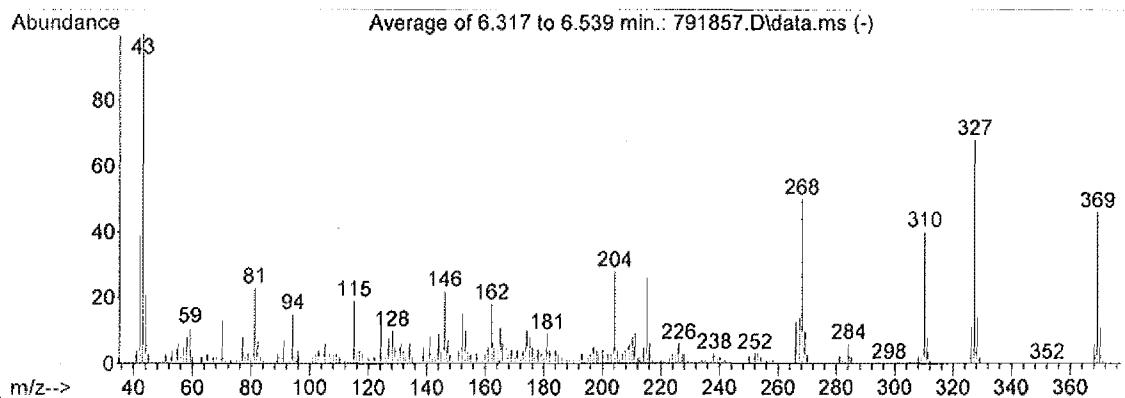


## Information from Data File:

File Name : J:\06\_13\_11\791857.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 00:51  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 57  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

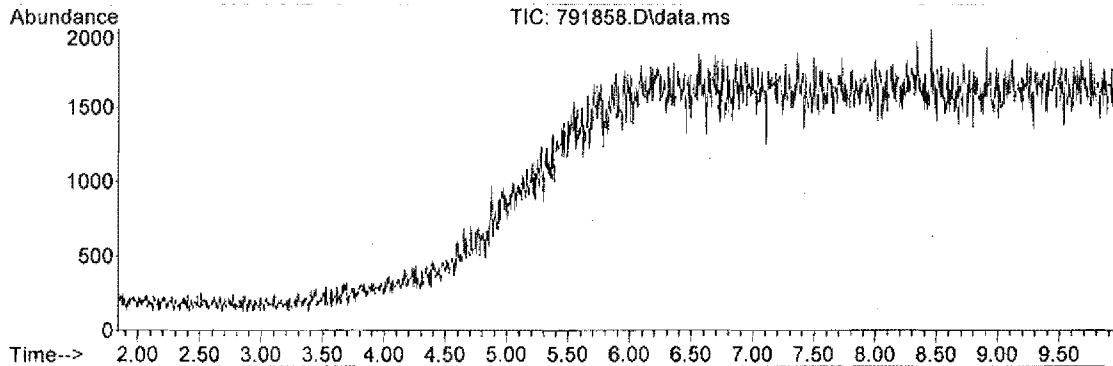
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	6.36	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : J:\06\_13\_11\791858.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 1:04  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

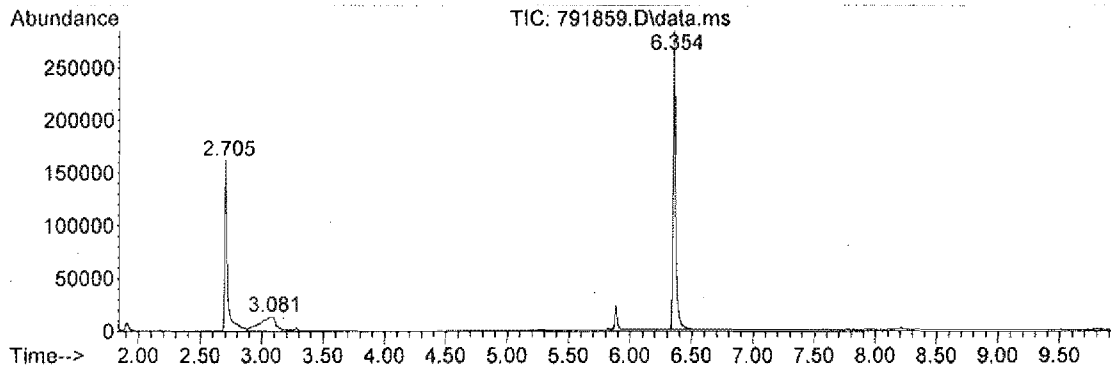


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : J:\06\_13\_11\791859.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 1:17  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 59  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



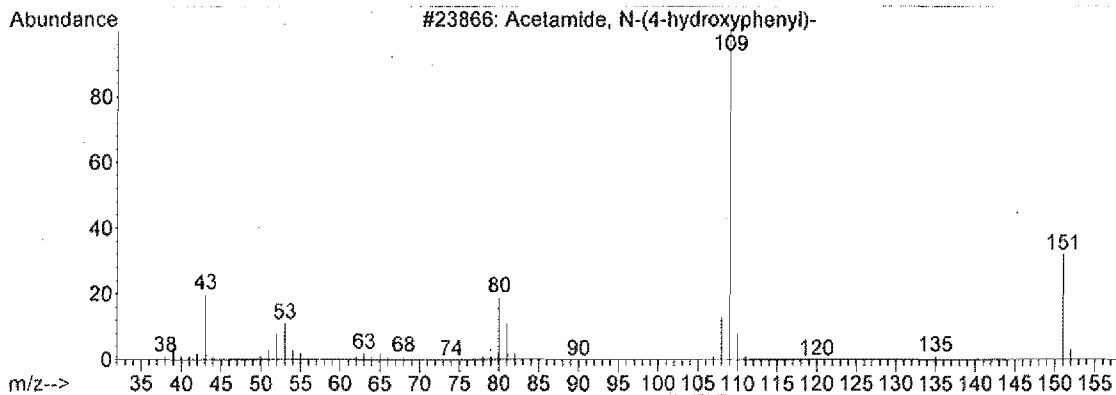
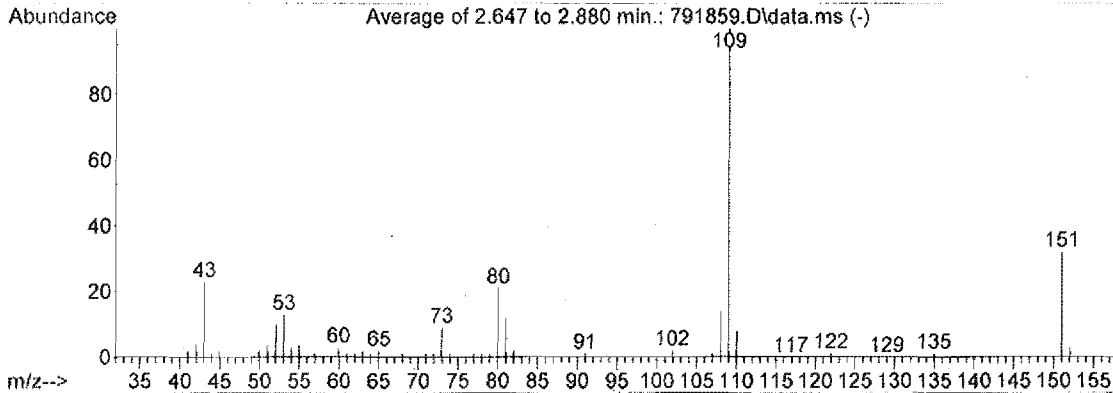
Ret. Time	Area	Area %	Ratio %
2.705	249315	31.47	58.39
3.081	115967	14.64	27.16
6.354	426999	53.89	100.00

## Information from Data File:

File Name : J:\06\_13\_11\791859.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 1:17  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 59  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.71	C:\Database\NIST05a.L		
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	97
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	94
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	94

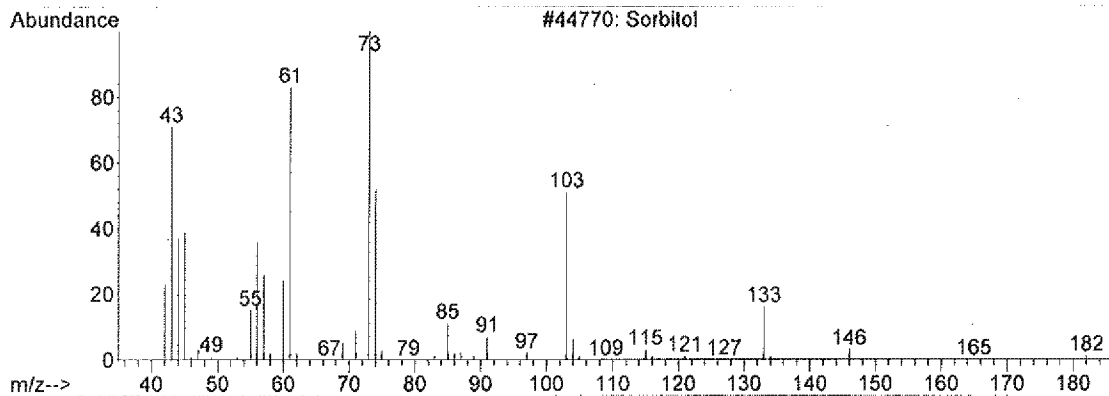
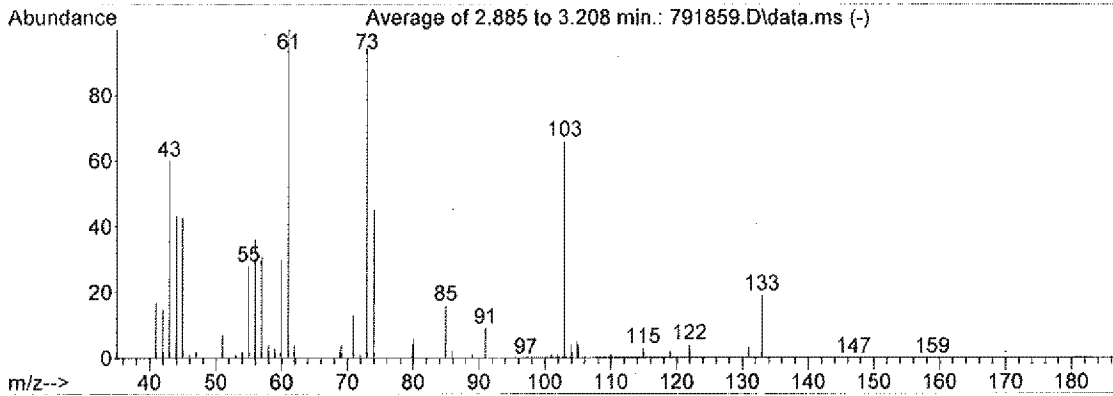


## Information from Data File:

File Name : J:\06\_13\_11\791859.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 1:17  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 59  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.08	C:\Database\NIST05a.L		
		Sorbitol	000050-70-4	83
		Sorbitol	000050-70-4	78
		Glucitol	026566-34-7	64

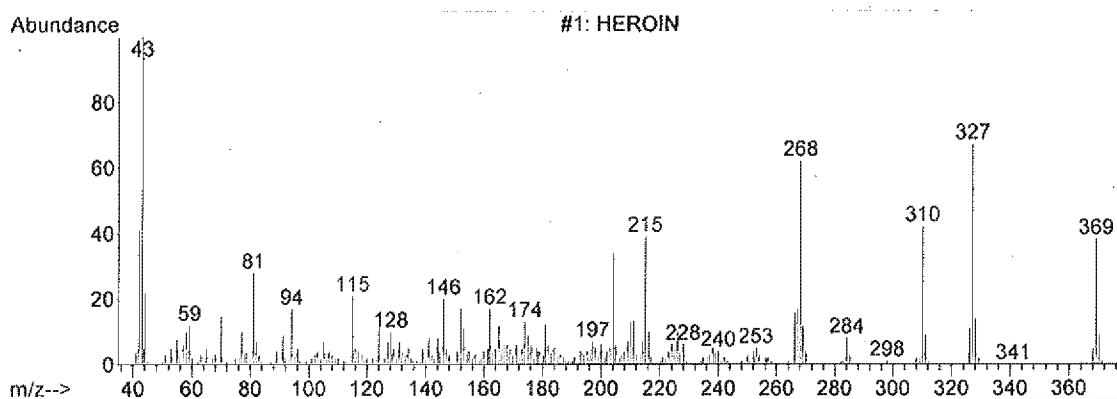
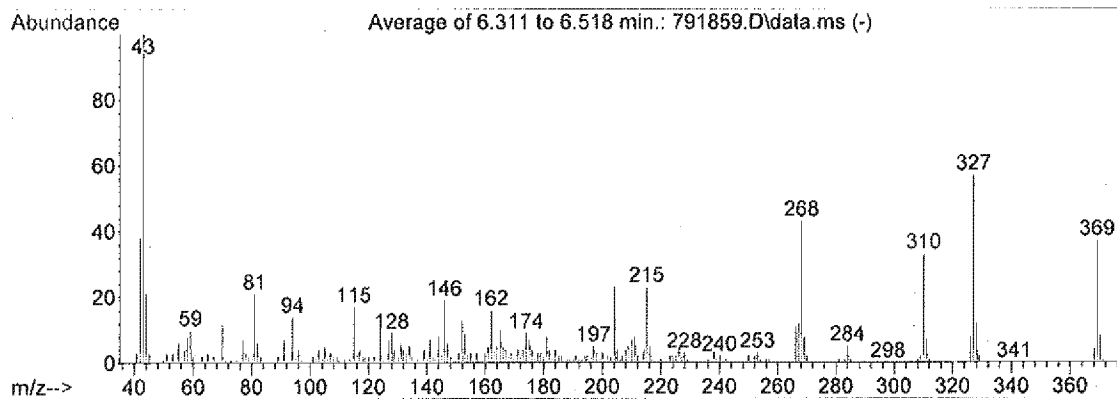


## Information from Data File:

File Name : J:\06\_13\_11\791859.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 1:17  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 59  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

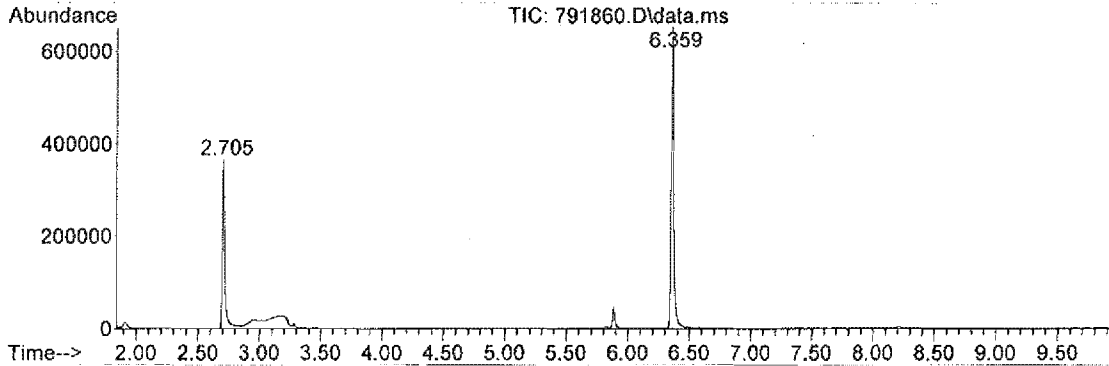
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	6.35	C:\Database\SLI.L HEROIN	000561-27-3	99



Information from Data File:

File Name : J:\06\_13\_11\791860.D  
 Operator : LAG  
 Date Acquired : 14 Jun 2011 1:29  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 60  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



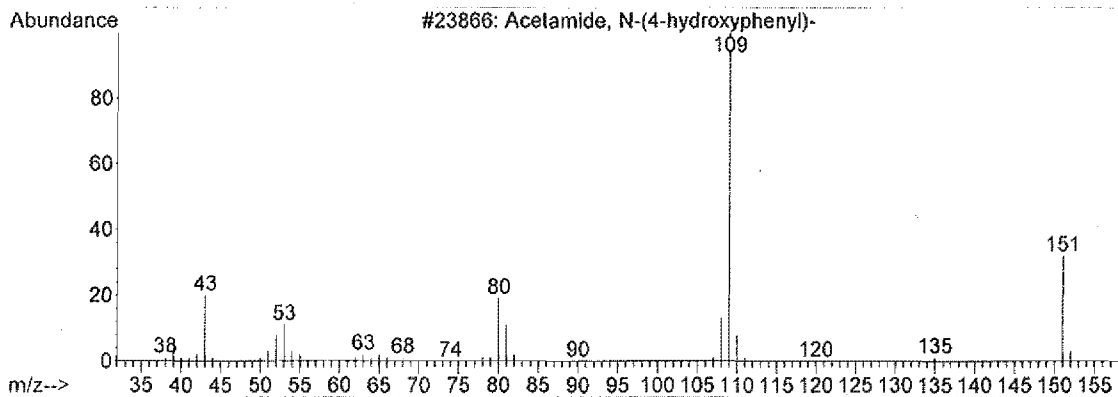
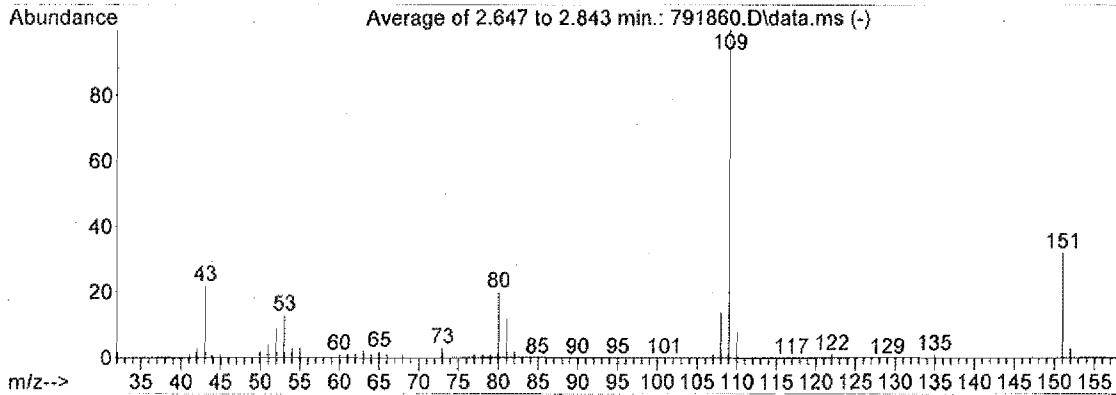
Ret. Time	Area	Area %	Ratio %
2.705	506760	35.18	54.27
6.359	933803	64.82	100.00

## Information from Data File:

File Name : J:\06\_13\_11\791860.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 1:29  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 60  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.71	C:\Database\NIST05a.L		
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	97
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	95
		Metacetamol	000621-42-1	94



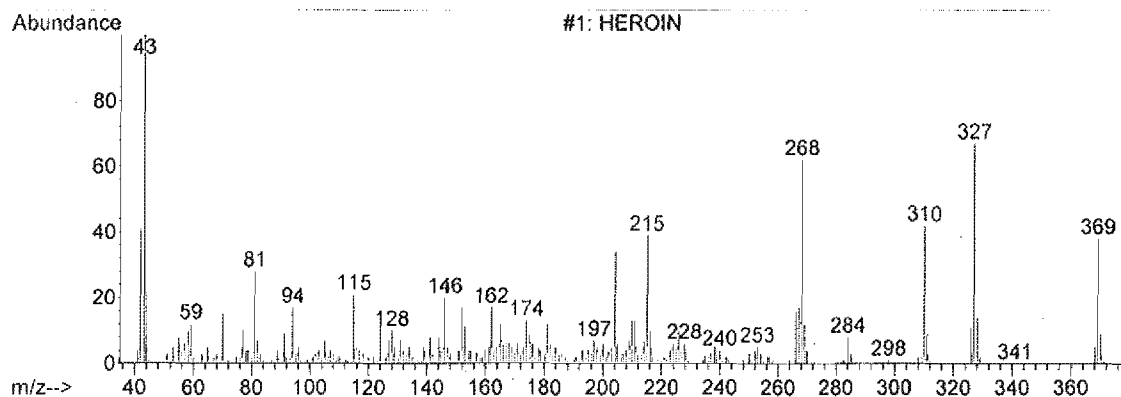
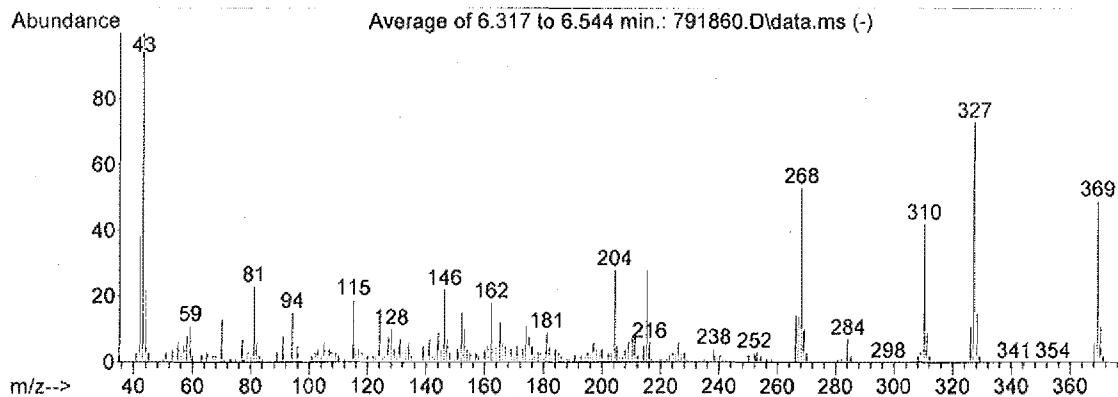


## Information from Data File:

File Name : J:\06\_13\_11\791860.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 1:29  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 60  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

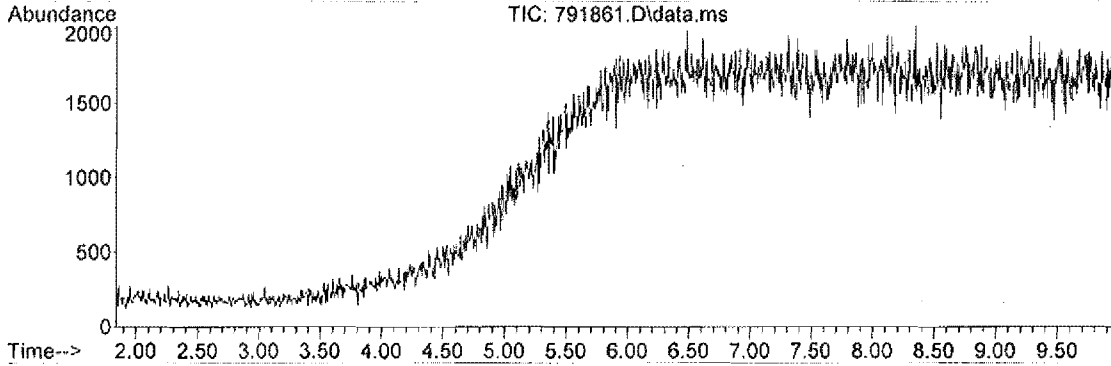
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	6.36	C:\Database\SLI.L HEROIN	000561-27-3	99



Information from Data File:

File Name : J:\06\_13\_11\791861.D  
 Operator : LAG  
 Date Acquired : 14 Jun 2011 1:42  
 Sample Name : BLANK  
 Submitted by : ASD  
 Vial Number : 2  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



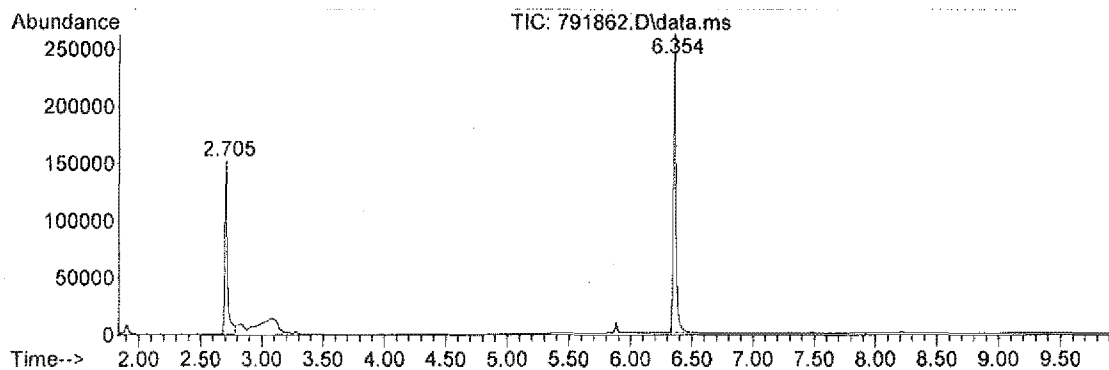
Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\06\_13\_11\791862.D  
 Operator : LAG  
 Date Acquired : 14 Jun 2011 1:55  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 62  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.705	220133	36.68	57.93
6.354	380016	63.32	100.00

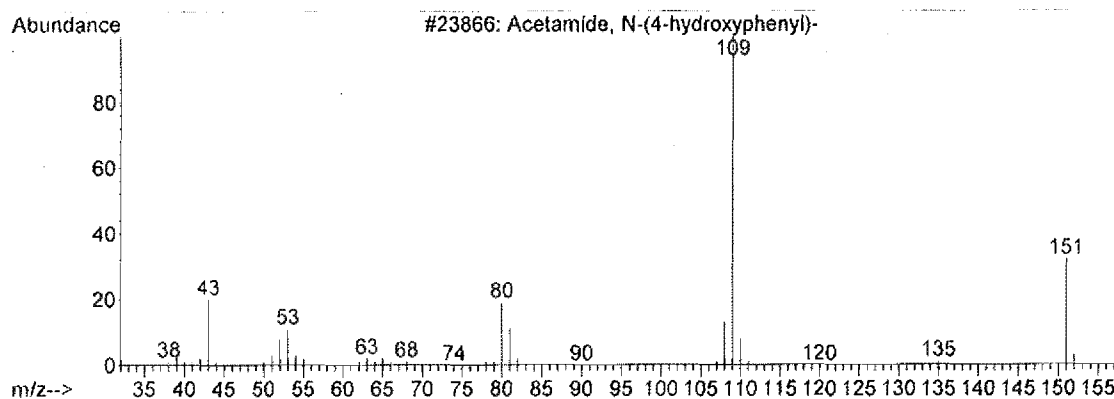
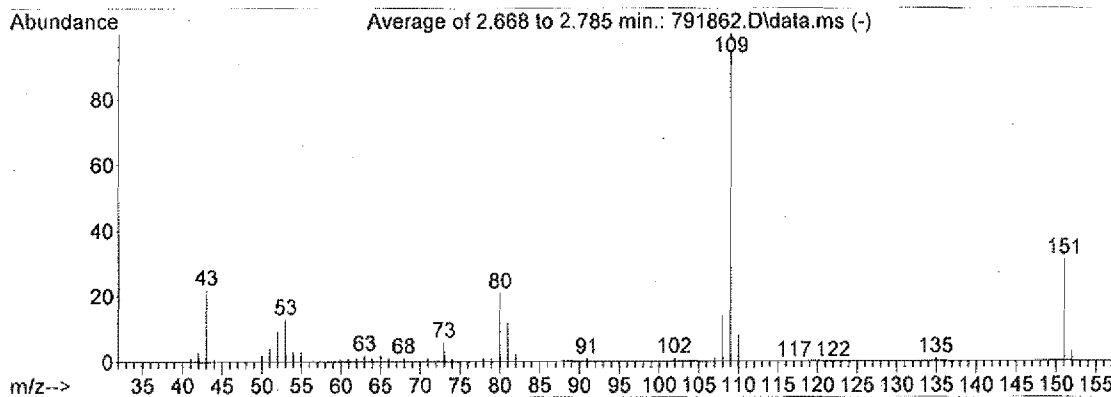
# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\06\_13\_11\791862.D  
 Operator : LAG  
 Date Acquired : 14 Jun 2011 1:55  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 62  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.71	C:\Database\NIST05a.L		
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	97
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	95
		Metacetamol	000621-42-1	94



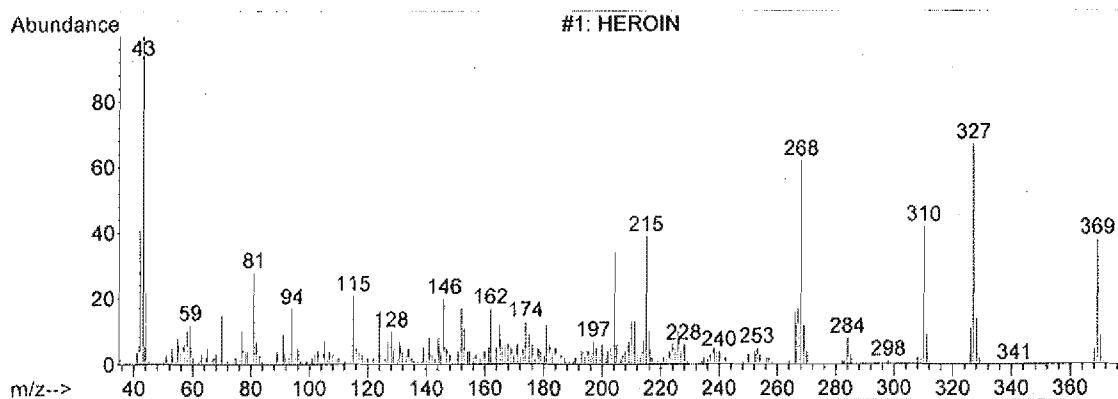
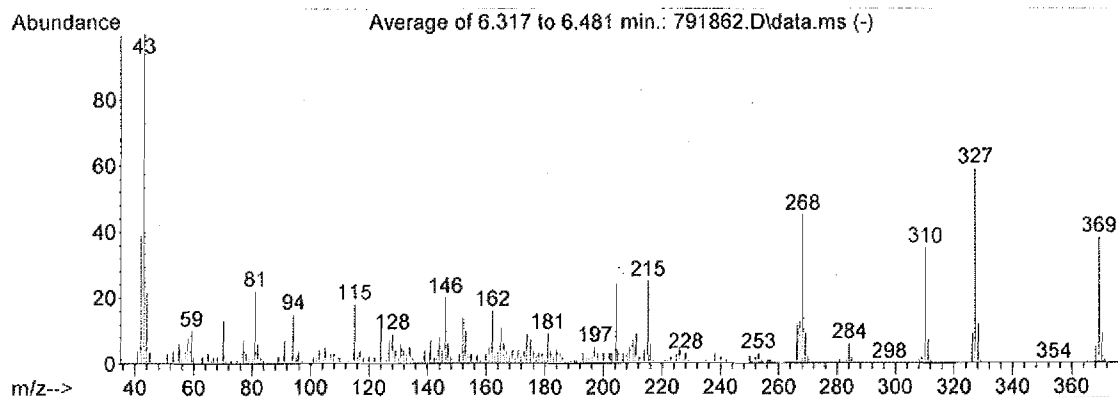
# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\06\_13\_11\791862.D  
 Operator : LAG  
 Date Acquired : 14 Jun 2011 1:55  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 62  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

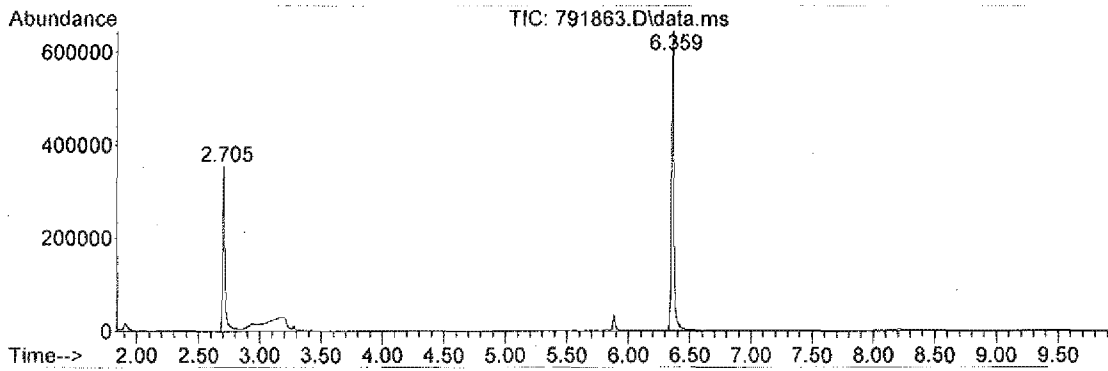
PK#	RT	Library/ID	CAS#	Qual
2	6.35	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : J:\06\_13\_11\791863.D  
 Operator : LAG  
 Date Acquired : 14 Jun 2011 2:07  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 63  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.705	462092	33.34	50.01
6.359	924027	66.66	100.00

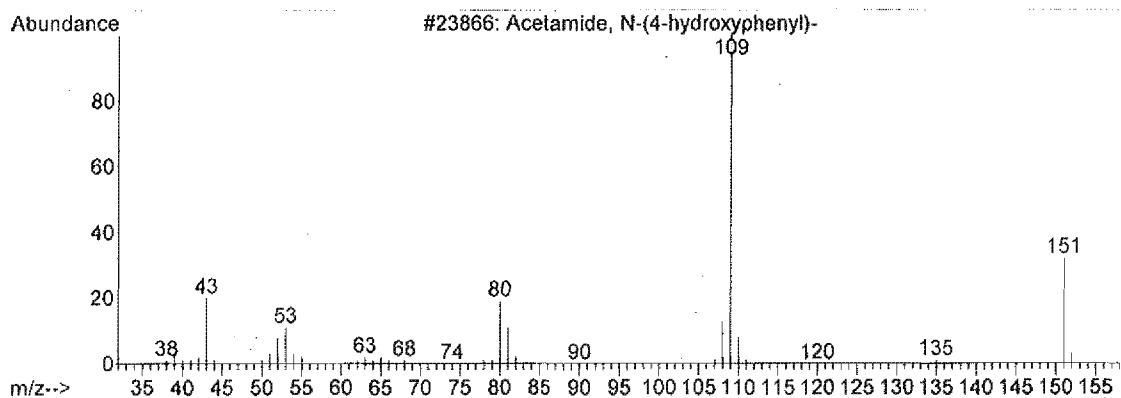
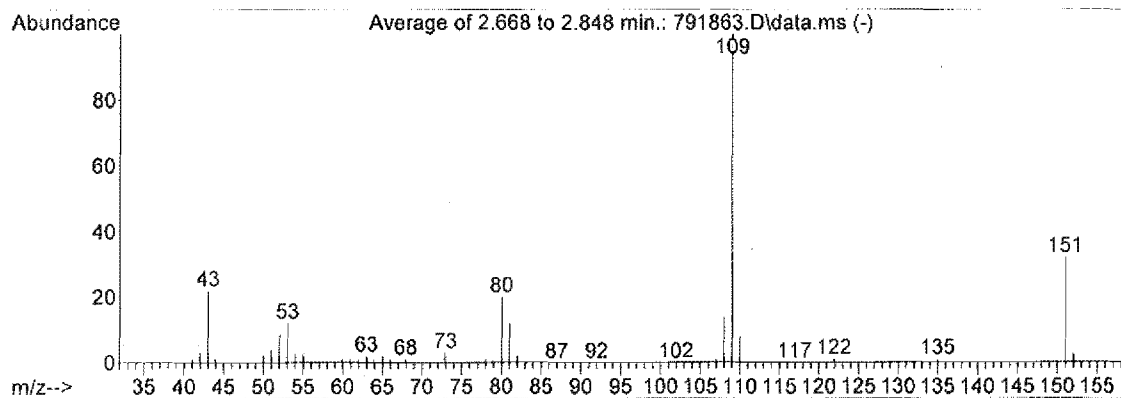
# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\06\_13\_11\791863.D  
 Operator : LAG  
 Date Acquired : 14 Jun 2011 2:07  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 63  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.71	C:\Database\NIST05a.L		
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	97
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	95
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	94



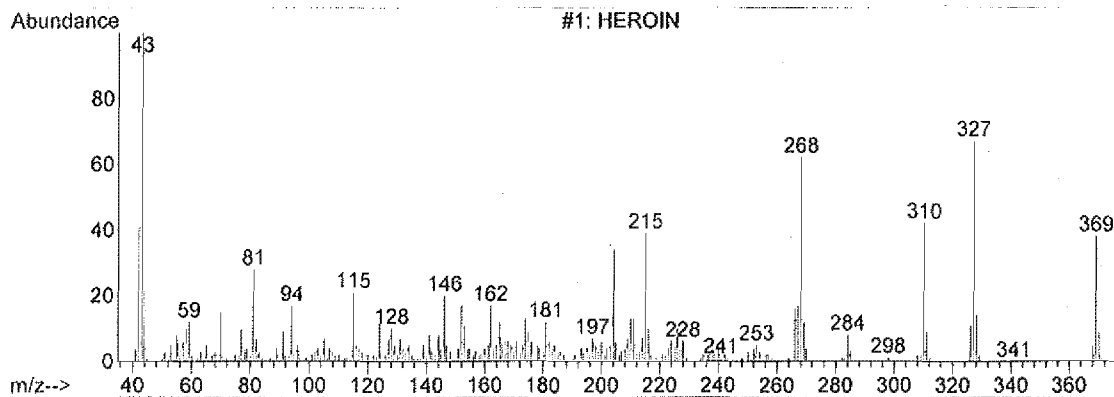
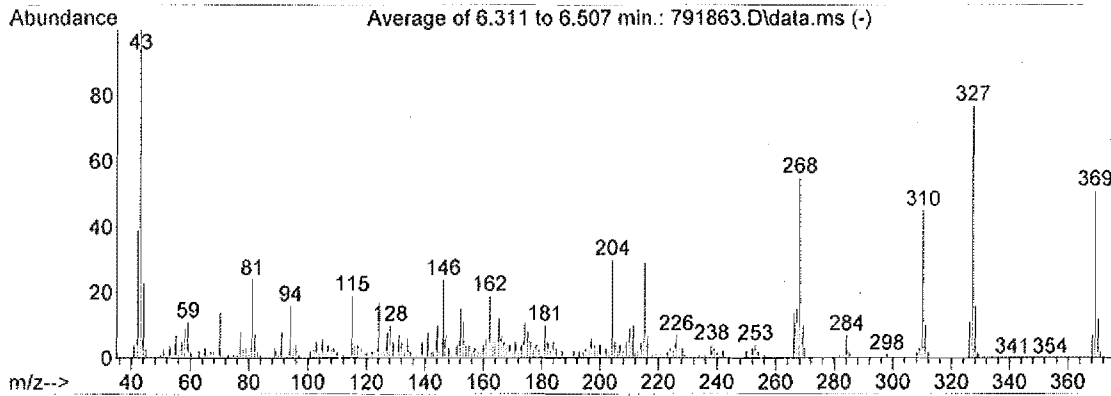
# Area Percent / Library Search Report

**Information from Data File:**

File Name : J:\06\_13\_11\791863.D  
 Operator : LAG  
 Date Acquired : 14 Jun 2011 2:07  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 63  
 AcquisitionMeth: DRUGS.M  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST05a.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

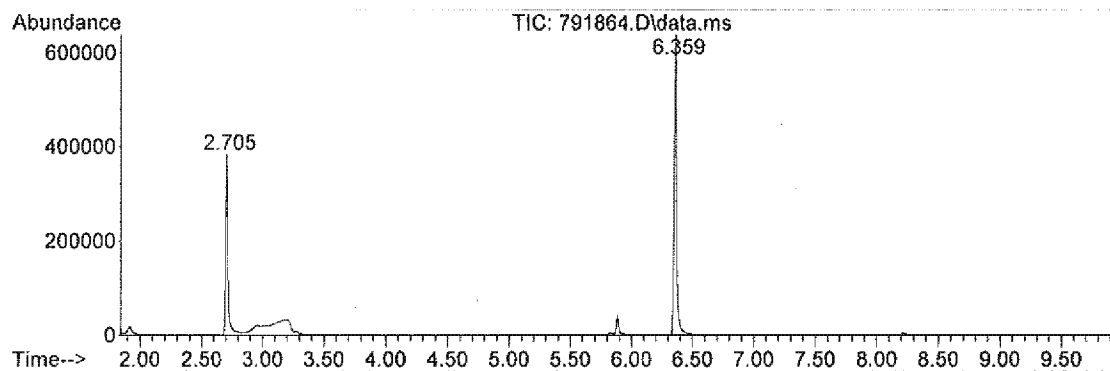
PK#	RT	Library/ID	CAS#	Qual
2	6.36	C:\Database\SLI.L HEROIN	000561-27-3	99





## Information from Data File:

File Name : J:\06\_13\_11\791864.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 2:20  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 64  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



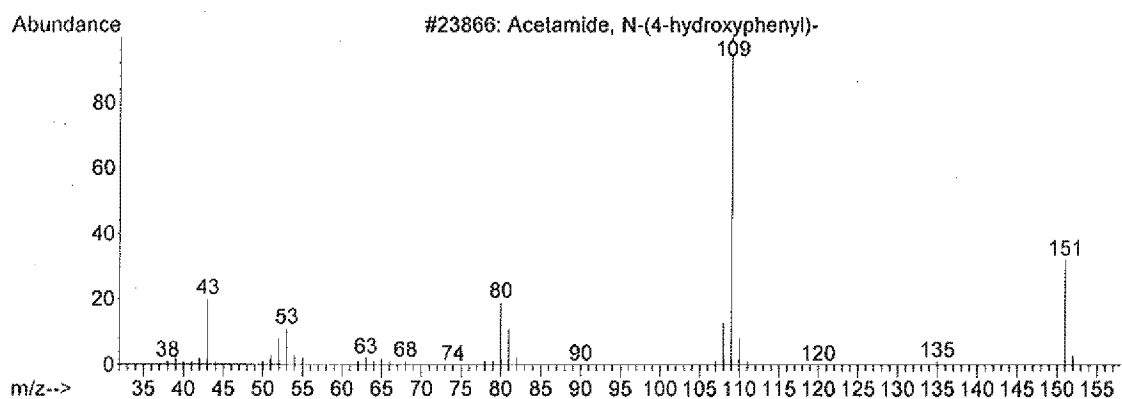
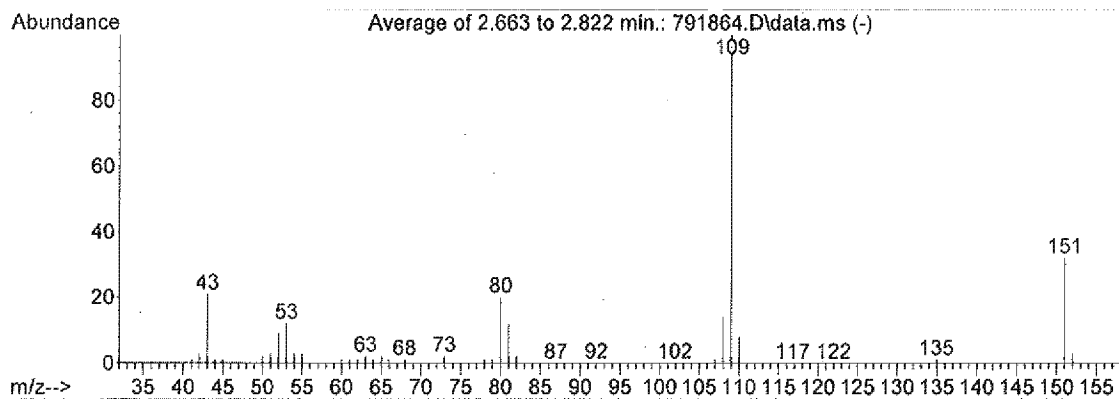
Ret. Time	Area	Area %	Ratio %
2.705	479644	34.44	52.54
6.359	912937	65.56	100.00

## Information from Data File:

File Name : J:\06\_13\_11\791864.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 2:20  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 64  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.71	C:\Database\NIST05a.L		
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	97
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	95
		Acetamide, N-(4-hydroxyphenyl)-	000103-90-2	94

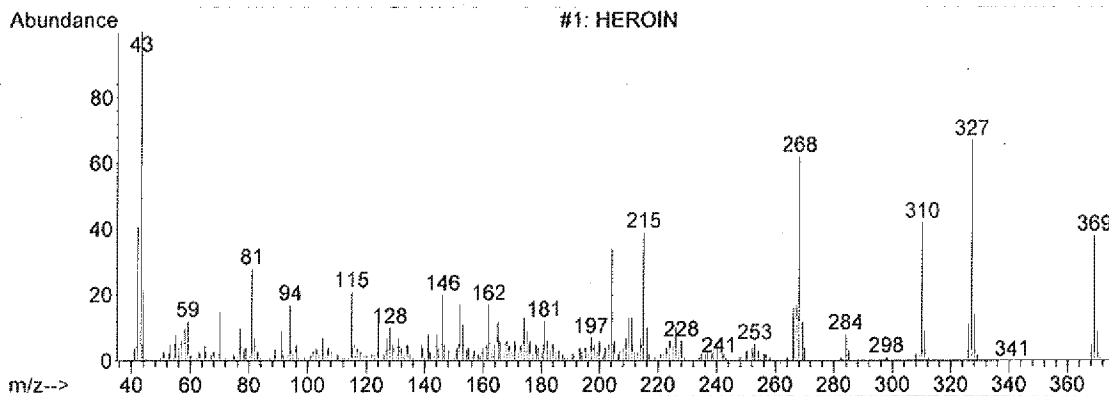
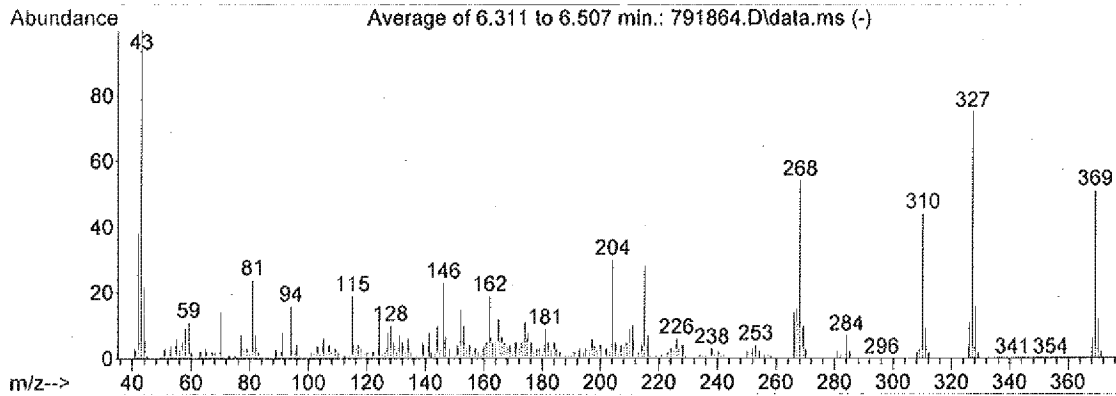


## Information from Data File:

File Name : J:\06\_13\_11\791864.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 2:20  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 64  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

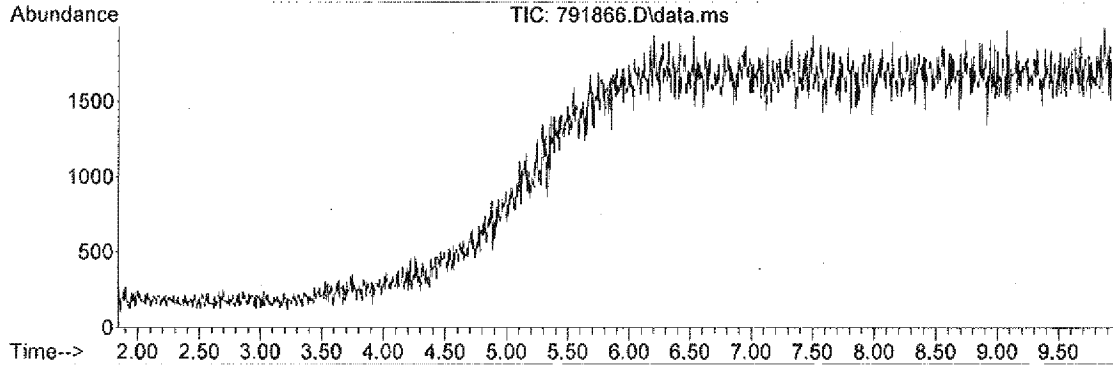
Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	6.36	C:\Database\SLI.L HEROIN	000561-27-3	99



## Information from Data File:

File Name : J:\06\_13\_11\791866.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 2:45  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

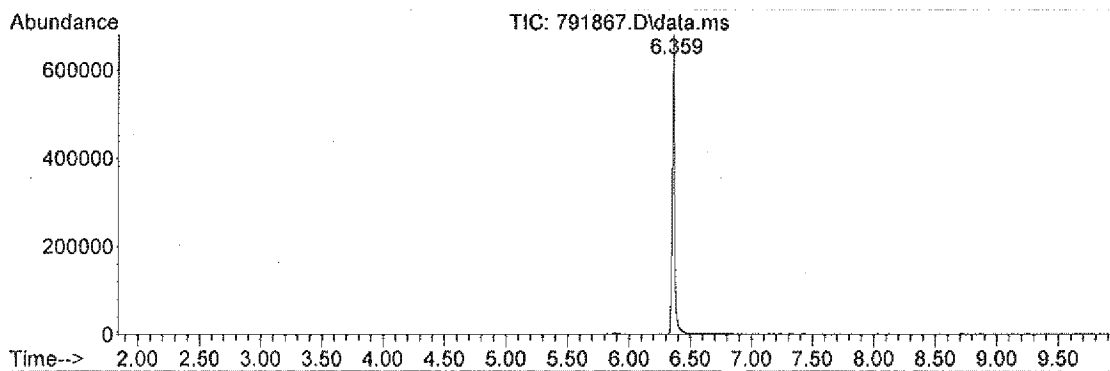


Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

## Information from Data File:

File Name : J:\06\_13\_11\791867.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 2:58  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 55  
AcquisitionMeth: DRUGS.M  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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6.359	939418	100.00	100.00
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## Information from Data File:

File Name : J:\06\_13\_11\791867.D  
Operator : LAG  
Date Acquired : 14 Jun 2011 2:58  
Sample Name : HEROIN STD  
Submitted by :  
Vial Number : 55  
AcquisitionMeth: DRUGS.M  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST05a.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.36	C:\Database\SLI.L HEROIN	000561-27-3	99

